

INTERNATIONAL SEARCH REPORT

International Application No

PCT/EP2004/011564

A. CLASSIFICATION OF SUBJECT MATTER

IPC 7 C12Q1/68 C12N5/06

According to International Patent Classification (IPC) or to both national classification and IPC

B. FIELDS SEARCHED

Minimum documentation searched (classification system followed by classification symbols)

IPC 7 C12Q C12N

Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched

Electronic data base consulted during the international search (name of data base and, where practical, search terms used)

EPO-Internal, WPI Data, PAJ, EMBASE, BIOSIS, Sequence Search

C. DOCUMENTS CONSIDERED TO BE RELEVANT

Category *	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No
X	WILSON KENNETH H ET AL: "High-density microarray of small-subunit ribosomal DNA probes" APPLIED AND ENVIRONMENTAL MICROBIOLOGY, WASHINGTON, DC, US, vol. 68, no. 5, May 2002 (2002-05), pages 2535-2541, XP002289520 ISSN: 0099-2240 page 2535, right-hand column, paragraph 3	13, 14
X	US 2003/143571 A1 (SHARP NICHOLAS J H ET AL) 31 July 2003 (2003-07-31) example 12	13
X	US 6 344 316 B1 (LOCKHART DAVID J ET AL) 5 February 2002 (2002-02-05) paragraph '0213!	13
	-/-	

☒ Further documents are listed in the continuation of box C.☒ Patent family members are listed in annex.

* Special categories of cited documents

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"P" document published prior to the international filing date but later than the priority date claimed

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"X" document of particular relevance, the claimed invention cannot be considered novel or cannot be considered to involve an inventive step when the document is taken alone

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Date of the actual completion of the international search

18 March 2005

Date of mailing of the international search report

19/04/2005

Name and mailing address of the ISA

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C.(Continuation) DOCUMENTS CONSIDERED TO BE RELEVANT

Category *	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
Y	MILLER CRISPIN J ET AL: "Mycoplasma infection significantly alters microarray gene expression profiles." BIOTECHNIQUES, vol. 35, no. 4, October 2003 (2003-10), pages 812-814, XP009027588 ISSN: 0736-6205 (ISSN print) the whole document	1-19, 24-26
X	US 5 693 467 A (ROBLIN III RICHARD O ET AL) 2 December 1997 (1997-12-02)	20-23
Y	SEQ ID NOs 1-2, 11-22 column 1, lines 32-65	1-19, 24-26
X	JP 04 004899 A (TAKARA SHUZO CO LTD) 9 January 1992 (1992-01-09)	20-23
Y	Probe 1 and Primers 2-1, 4-1, 2-2, 3-2 & 3-1 abstract & DATABASE WPI Derwent Publications Ltd., London, GB; AN 1992-060511 & JP 04 004899 A abstract	1-19, 24-26
Y	WO 02/42775 A (GENEVENTION L L C ;JACOBS ALICE ANNE (US); NIKOLIC BORIS (US); GUP) 30 May 2002 (2002-05-30) page 19	13-15
A	FR 2 694 768 A (PASTEUR INSTITUT) 18 February 1994 (1994-02-18) claim 28	1-26
A	US 2003/191048 A1 (LUUKKONEN MATTIAS ET AL) 9 October 2003 (2003-10-09) abstract	1,2,13
A	MATSUI HIROSHI ET AL: "Gene expression profiles of human BPH (II): Optimization of laser-capture microdissection and utilization of cDNA microarray." ANTICANCER RESEARCH. 2003 JAN-FEB, vol. 23, no. 1A, January 2003 (2003-01), pages 195-200, XP009027974 ISSN: 0250-7005 page 196	1-26
A	WO 98/28444 A (UNIV CHICAGO) 2 July 1998 (1998-07-02) figure 5; table 2	1-26

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INTERNATIONAL SEARCH REPORT

Information on patent family members

International Application No

PCT/EP2004/011564

Patent document cited in search report		Publication date	Patent family member(s)	Publication date
US 2003143571	A1	31-07-2003	AU 2002367748 A1	27-10-2003
			WO 03087297 A2	23-10-2003
US 6344316	B1	05-02-2002	US 2003180757 A1	25-09-2003
			US 2004101892 A1	27-05-2004
			US 2005003496 A1	06-01-2005
			US 2004210045 A1	21-10-2004
			US 6858711 B2	22-02-2005
			US 2003064364 A1	03-04-2003
			US 2002165372 A1	07-11-2002
			AU 2253397 A	20-08-1997
			EP 0880598 A1	02-12-1998
			JP 2002515738 T	28-05-2002
			WO 9727317 A1	31-07-1997
US 5693467	A	02-12-1997	WO 9636735 A1	21-11-1996
JP 04004899	A	09-01-1992	JP 3016395 B2	06-03-2000
WO 0242775	A	30-05-2002	AU 3052302 A	03-06-2002
			CA 2430110 A1	30-05-2002
			EP 1397679 A2	17-03-2004
			WO 0242775 A2	30-05-2002
			US 2002095073 A1	18-07-2002
			WO 03012390 A2	13-02-2003
FR 2694768	A	18-02-1994	FR 2694768 A1	18-02-1994
			EP 0654094 A1	24-05-1995
			WO 9403634 A1	17-02-1994
US 2003191048	A1	09-10-2003	AU 9052301 A	13-02-2002
			EP 1307539 A2	07-05-2003
			JP 2004520007 T	08-07-2004
			WO 0210339 A2	07-02-2002
WO 9828444	A	02-07-1998	AU 5716098 A	17-07-1998
			EP 0951569 A2	27-10-1999
			WO 9828444 A2	02-07-1998
			US 2003157509 A1	21-08-2003
			US 6458584 B1	01-10-2002

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